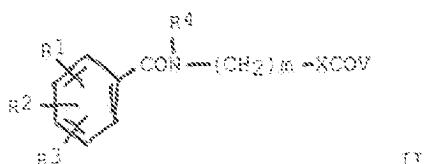
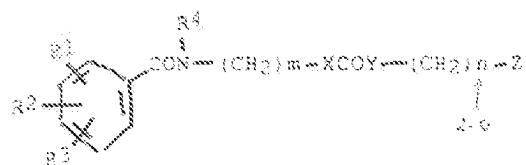


TI Preparation of N-substituted benzamides, their use for treatment of digestive tract disorders, and their intermediates
 ACCESSION NUMBER: 1998:512467 CAPLUS
 DOCUMENT NUMBER: 129:202763
 TITLE: Preparation of N-substituted benzamides, their use for treatment of digestive tract disorders, and their intermediates
 INVENTOR(S): Nagasawa, Masaaki; Asami, Kazuyasu; Horikoshi, Yoichiro; Nakao, Tatsuy; Kurimoto, Tadashi; Ueki, Shigeru
 PATENT ASSIGNEE(S): Zeria Pharmaceutical Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 32 pp.
 CODEN: JNKKAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10212271	A2	19980811	JP 1997-31371	19970131
PRIORITY APPLN. INFO.:			JP 1997-31371	19970131
OTHER SOURCE(S):		MARPAT 129:202763		
C1				



AB N-substituted benzamides I (R₁-R₃ = H, OH, lower (halo)alkyl, lower alkoxy, halo, NO₂, cyano, etc.; R₁R₂ may form methylenedioxy; R₄ = H, lower alkyl; X = (un)substituted furyl, thiencyl, (iso)thiazacyl, Ph, pyridyl, etc.; m = 0-2; Y = (lower alkyl-substituted) NH, O; n = 2-4; Z = NR₅R₆, N(CR₇R₈)₂; R₅-R₈ = H, lower alkyl, lower alkoxy, hydroxy-lower alkyl, etc.; R₇R₈ may form N-containing (un)saturated heterocyclyl) or their salts are

prepared via N-substituted benzamides II (R₁-R₄, X, m = same as above; V = halo, OH, lower alkoxy). The compds. are useful for treatment of nausea, chronic gastritis, anorexia, etc. Amidation of 1.9 g Z-(N-(2,4,5-trimethoxybenzoyl)amino)-5-(hydroxycarbonyl)furan with 1.13 g N,N-dipropylethylenediamine gave 1.19 g of the corresponding amide, which at 0.5 mg/kg p.o. remarkably increased digestive tract movement in dogs.

TK 211998-72-3P
 KU: ADU (Adverse effect, including toxicity); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biologics study);

PREP (Preparation): USES (Uses)

{preparation of N-substituted benzamides for treatment of digestive tract disorders}

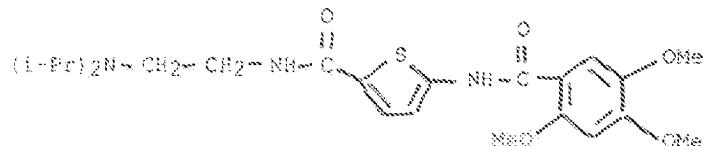
RN 211999-72-3 CAPLUS

CN 2-Thiocenecarboxamide, N-[2-{bis(1-methylethyl)amino}ethyl]-5-[(2,4,5-trimethoxybenzoyl)amino]-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 211999-71-2

CMF C23 H33 N3 O5 S



CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

